



Novel Methods for Detecting Hepatotoxic Agents

National Capital Area Chapter
Society of Toxicology

Spring Symposium

Lister Hill Auditorium
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894

June 8, 2004

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Spring Symposium**

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NCAC-SOT Spring Symposium

The goal of this symposium is to help educate toxicologists and generate discussion about new methods for detecting liver toxicity. Hepatotoxicity is the leading clinical cause for toxicity-associated drug failure and the leading cause for drug recalls. Despite multi species preclinical testing, current models often fail to predict rare instances of human hepatotoxicity. This symposium will explore the scope of the problem and current methods and biomarkers that are used to predict liver toxicity. Additional presentations will focus on the value of structural databases, the value of in vitro assays in predicting toxicity and factors that may be associated with risk for idiosyncratic liver injury.

7:45 a.m.	Registration and Continental Breakfast
8:30 a.m.	Welcome and Opening Comments Sidney Green, Ph.D., Past President, NCAC-SOT Thomas Flynn, Ph.D. Program Co-Chair
8:45 – 9:30	"Detecting Liver Injury: Drug-Induced or Not" John Senior, M.D., CDER, US FDA
9:30 – 9:35	Questions and discussion
9:35 – 10:20	"Biomarkers of Liver Toxicity and Disease" Yvonne Dragan, Ph.D., NCTR, US FDA
10:20 – 10:25	Questions and discussion
10:25 - 10:45	Break

10:45 - 11:30	"Predictive Hepatotoxicity: Correlations in a Structural Database" James H. Kelly, Ph.D., Amphioxus Cell Technologies
11:30 – 11:35	Questions and discussion
11:35 – 12:20	"In vitro Assessment of Necrosis and Apoptosis using Human Hepatocytes" Neal S. Jensen, Ph.D. In Vitro Technologies, Inc.
12:20 – 12:30	Questions and discussion
12:30 – 1:30	Lunch (on your own) and student poster judging, see "call for student posters" (attached).
1:30 – 2:15	"Susceptibility Factors in Idiosyncratic Drug-Induced Liver Injury" Steven Yee, Ph.D. US FDA
2:15 – 2:20	Questions and discussion
2:20 – 3:05	"Multiendpoint Profiling of Hepatotoxicants In Vitro" Thomas J. Flynn, Ph.D. CFSAN, US EPA
3:05 – 3:10	Questions and discussion
3:10 – 3:30	Break
3:30 – 4:15	"The use of microarray technology to predict hepatotoxicity in humans" Donna Mendrick, Ph.D. Genelogic Inc.
4:15 – 4:30	Questions, discussion, concluding remarks and poster award winners

For more information, please contact Dr. David Jacobson-Kram at 301-443-5346 or by email at jacobsonkram@cder.fda.gov

Registration form is attached to this announcement.

MEETING LOCATION:
Lister Hill Auditorium
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894

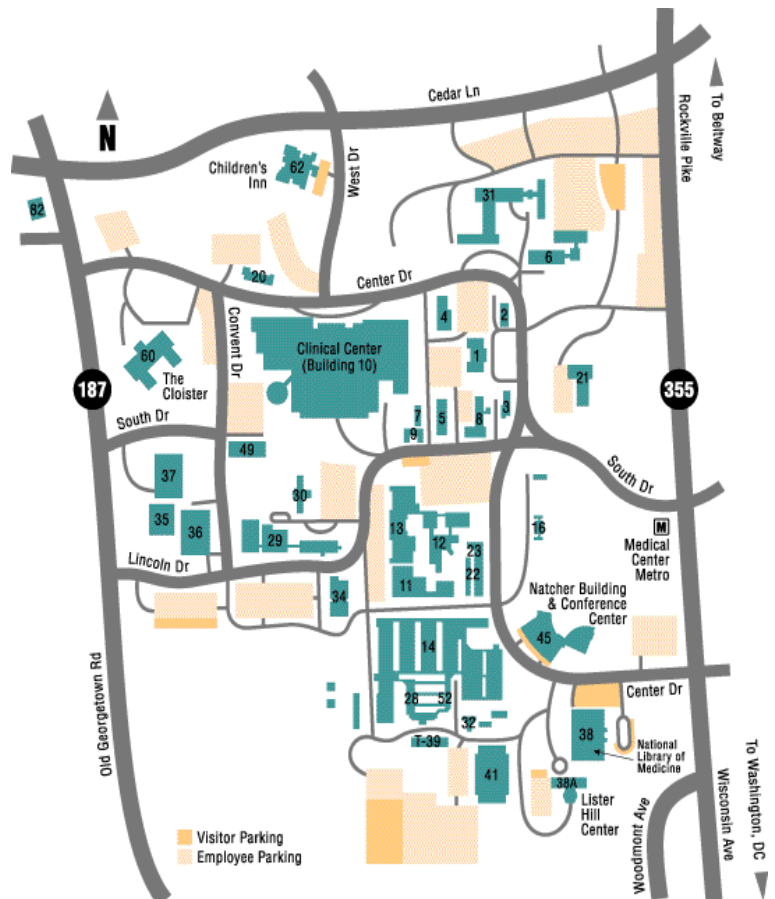
Directions to the National Library of Medicine

Directions from Baltimore: Take I-695 to I-95 (South) to I-495. On I-495 proceed (West) toward Silver Spring. Continue on I-495 to Exit 33 (South) Connecticut Avenue/Chevy Chase. Turn left on Connecticut Avenue (Route 185 South). At next traffic light turn right onto Jones Bridge Road and proceed three traffic lights to the intersection of Rockville Pike. Make a right onto Rockville Pike and go to the next traffic light, South Drive. Make a left onto South Drive; non-NIH staff will have their vehicles inspected. Continue down South Drive to the first stop sign. Make a left onto Center Drive. Follow Center Drive until you come to the Library, Building #38, on the right.

Directions from Frederick: Take I-270 (South) toward Washington and I-495. Where I-270 and I-495 split, follow the signs to I-495. Take exit for 355 South (Bethesda) onto Wisconsin Avenue. NLM is 2 miles south from this exit. At the intersection of South Drive and Rockville Pike, turn right onto South Drive; non-NIH staff will have their vehicles inspected. Continue down South Drive to the first stop sign. Make a left onto Center Drive. Follow Center Drive until you come to the Library, Building #38, on the right.

Directions from Virginia: Take I-95 (North) to I-495 (West). Continue on I-495 towards Rockville to exit 34. Proceed through 3 traffic lights. At the 4th traffic light (intersection of South Drive and Rockville Pike), turn right onto South Drive; non-NIH staff will have their vehicles inspected. Continue down South Drive to the first stop sign. Make a left onto Center Drive. Follow Center Drive until you come to the Library, Building #38, on the right.

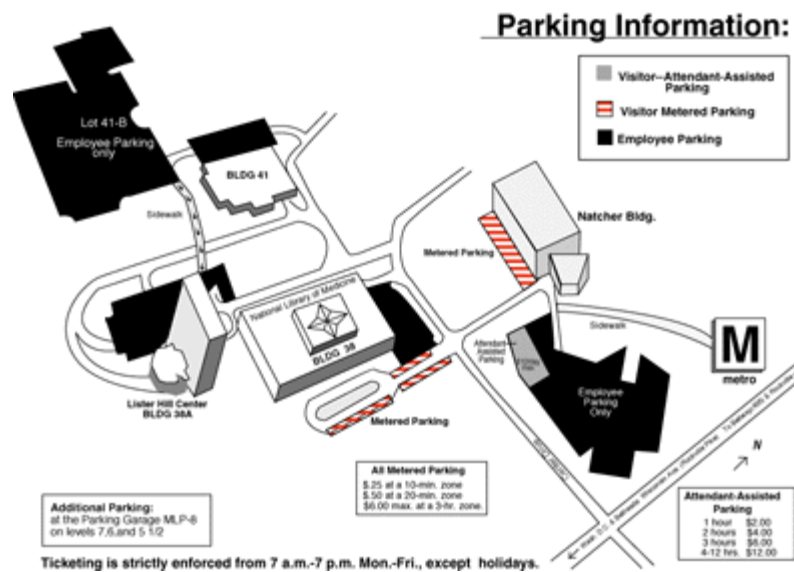
Directions from D.C.: Proceed (North) from the District on Wisconsin Avenue to the intersection of South Drive and Rockville Pike. Turn left onto South Drive (third traffic light after Ramada Inn) ; non-NIH staff will have their vehicles inspected. Continue down South Drive to the first stop sign. Make a left onto Center Drive. Follow Center Drive until you come to the Library, Building #38, on the right.



Parking Information

All visitors are encouraged to use Metro or other public transportation if at all possible. Parking for visitors is always in short supply at NIH, especially during conferences, and parking regulations are strictly enforced with tickets and tow trucks. Major building and road construction on the campus of the National Institutes of Health is resulting in many changes for visitors to NIH.

Parking costs \$2.00 per hour, with a maximum of \$12.00 per day. 41 metered parking spaces are available in front of the NLM Building (Building 38). There are additional metered spaces at the Natcher Plaza. Metered parking (coins only) costs \$.50 per 15 minutes, a maximum of \$6.00 for 3 hours. Parking fees are in effect from 7:00 A.M. - 7:00 P.M. Monday - Friday, excluding Federal holidays. Change for parking is available from change machines in the Library and Natcher Building lobbies. Handicapped visitor parking (free) remains in the north side lot next to Building 38 near the handicapped ramp.



By Metro

The NLM may be reached via the Washington, D.C. Metro underground railway System. Visitors to the Library are encouraged to use Metrorail or Metrobus service on weekdays. The Library is 2 blocks south of the Medical Center stop on the Metro red line. Upon exiting the escalator proceed left (South and parallel with Rockville Pike) approximately 200 yards.

HOTEL ACCOMMODATIONS NEAR NIH

BETHESDA COURT HOTEL

7740 Wisconsin Avenue
Bethesda, MD 20814
301-656-2100
Fax: 301-986-0375
800-874-0050
rgraham@tbchotels.com

Bethesda Marriott

5151 Pooks Hill Road Bethesda, MD 20814 USA
Phone: 1 301-897-9400 Fax: 1 301-897-0192

Registration Form
2004 NCAC-SOT Spring Symposium
“Novel Methods for Detecting Hepatotoxic Agents”

Return requested by Tuesday, June 1. Walk-up registrations welcome at the Symposium.

Name: _____
Affiliation: _____
Address: _____

E-mail: _____
Telephone: _____
FAX: _____

Registration fees (includes continental breakfast and coffee breaks):
(check one)

1. ☐ NCAC-SOT member - \$35
 2. ☐ *Non-member - \$45
 3. ☐ Full-time graduate student or post-doc (member) - \$ 0
 4. ☐ *Full-time graduate student or post-doc (Non-member) - \$10
- *Membership information: Contact Laurie Roszell at address below, or go to

<http://www.toxicology.org/memberservices/regionalchapter/ncac/officers.html>

Membership for full members is \$20/year, and for full-time graduate students and post-docs is \$10/year. You may opt to join now and enjoy membership benefits including reduced or free symposium registration.

Method of Payment (Sorry, but we cannot accept vouchers.)

↑ Check (Make checks payable to “NCAC-SOT”)

↑ MasterCard # _____

↑ VISA # _____

↑ American Express # _____

Expiration Date _____

Name as it appears on card _____

Signature _____

Send completed registration form and payment (mail or fax) by June 1 to:

Laurie Roszell
US Army CHPPM
ATTN: MCHB-TS-THE
5158 Blackhawk Rd
Aberdeen Proving Ground, MD 21010

FAX 410-436-8258 or 410-436-6710
PHONE 410-436-8774
Email Laurie.Roszell@us.army.mil

Call for Student Posters

Poster Abstracts must be submitted by May 19, 2004. Please limit the abstracts to approximately 350 words or less.

Abstracts should be submitted to:

Dr. Katherine Squibb, Councilor, NCAC-SOT
via email at: ksquibb@umaryland.edu

or by mail to:

**Program in Toxicology
University of Maryland
10 South Pine Street
MSTF 7-34F
Baltimore, MD 21201**

Student Poster Awards:

Posters will be judged at the meeting and awards will be given. Only student members (grads or post-docs) are eligible for the poster awards (see above about becoming a member).